

TITLE: Mobile Grave Excavator

DESCRIPTION:

A mobile, steerable excavating machine primarily used for the digging of graves. In which, vertical cutting bar assemblies are mounted to a horizontal frame to allow digging of the earth downwardly and laterally within the frame of the machine while removing the earth from the hole on one side or the other into a haul able device.

The wheels of the Mobile Grave Excavator are conventional pneumatic tires of a size to accommodate the ability for the floatation in soft ground. In addition all four (4) wheels are powered by a hydraulic motor mounted in the each of the hubs; the wheels are also steerable and are mounted on the frame with a hydraulic cylinder used for leveling.

The cutting bar is mounted so its operation will work vertically as well as horizontally and is operated by a separate hydraulic motor removing the pulverized material. The full operation of this machine is hydraulically powered with an internal combustion engine. Moving this equipment over public highways would require transportation on a trailer or truck.

SUMMARY OF INVENTION:

A mobile, steerable excavating machine primarily used for the digging of graves. In which, vertical cutting bar assemblies are mounted to a horizontal frame to allow digging of the earth downwardly and laterally within the frame of the machine while removing the earth from the hole on one side or the other into a haul able device.

BRIEF DESCRIPTION OF DRAWINGS

The invention is described below with reference to the following figures.

Fig. 1 is a schematic plan top view of the Mobile Grave Digger

Fig. 2. is a schematic plan side view of the cutting bar assembly

Fig. 3. is a schematic front view of the sprockets, cutting bars, and chains

Fig. 4 is a detailed schematic drawing of the cutting bar assembly,